

Funder	Project Title	Funding	Strategic Plan Objective	Institution
Brain & Behavior Research Foundation	The Study of Homeostatic Downscaling in Psychiatric Disorders	\$0	2.1	University of Illinois at Urbana-Champaign
Brain & Behavior Research Foundation	Mechanism-based Treatment Targets and Biomarkers for Genetically Defined Mental Illnesses	\$25,000	4.1	Cincinnati Children's Hospital Medical Center
Brain & Behavior Research Foundation	Altered Synaptic Autophagy as a Mouse Model for Autism	\$35,000	2.1	University of Utah
Brain & Behavior Research Foundation	Modulation of the Oxytocin System in a Mouse Model of Autism Spectrum Disorder (ASD)	\$16,079	4.1	University of the Basque Country
Brain & Behavior Research Foundation	From Synaptic Dysfunction to Abnormal Brain Connectivity in Autism	\$0	2.1	University of Utah
Brain & Behavior Research Foundation	Interrogating Synaptic Transmission in Human Neurons	\$0	2.1	Stanford University
Brain & Behavior Research Foundation	Steroid Metabolism in a High-risk Autism Spectrum Disorder Prospective Pregnancy Cohort	\$35,000	2.CC	A.J. Drexel Autism Institute
Brain & Behavior Research Foundation	Identification of Genetic Mutations in Consanguineous Families with Autism Spectrum Disorders using Whole Exome Sequencing	\$0	3.1	The Hospital for Sick Children
Brain & Behavior Research Foundation	Developmental Role of Prefrontal Cortex-raphé Circuits in Stress and Mood Disorders	\$0	2.1	INSERM
Brain & Behavior Research Foundation	Whole Brain Microscopy to Quantify the Effect of ASD Associated Mutations on Brain Development	\$17,500	3.1	University of California, San Francisco
Brain & Behavior Research Foundation	Advancing a Biomarker of Disrupted GABAergic Neurotransmission in Autism	\$17,500	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	Dysfunction of Cortical Systems for Language and Working Memory in Autism Spectrum Disorder	\$17,500	2.1	Boston University
Brain & Behavior Research Foundation	Interpersonal Neural Coordination During Social Interaction in Children with Autism Spectrum Disorders	\$17,485	2.1	University of Pittsburgh
Brain & Behavior Research Foundation	Perinatal SSRIs and Social Behavior; Developmental Trajectories and Neurobiological Correlates	\$0	3.2	University of Rennes
Brain & Behavior Research Foundation	Evoked Neurotransmitter and Neurochemical Amygdala Responses and Autonomic Arousal to Social Threat and Safety Signals in Typically Developing and Autistic Children and Adolescents	\$0	2.1	University of Wisconsin-Madison
Brain & Behavior Research Foundation	In vivo Imaging of Prefrontal Cortical Activity During Social Interactions in Normal and Autism Mice	\$17,500	2.1	Duke University
Brain & Behavior Research Foundation	Comparing the Effect of Non-invasive Brain Stimulation on Different Brain Regions for Reducing Social Symptoms in Autism Spectrum Disorder	\$24,995	6.2	Deakin University

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Brain & Behavior Research Foundation	Regulation of an Activity-dependent Transcription Factor by MeCP2	\$0	3.1	Johns Hopkins University School of Medicine
Brain & Behavior Research Foundation	Developing Neural Markers to Evaluate Social Skills Training in ASD	\$17,500	2.1	California Institute of Technology
Brain & Behavior Research Foundation	Cellular Mechanisms Controlling White Matter Connectivity: Making Sense of a Genetic Risk Factor for Autism and Schizophrenia	\$0	2.1	Columbia University
Brain & Behavior Research Foundation	Molecular Dimorphism in the Locus Coeruleus May Mediate Sex-specific Differences in Psychiatric Disease Risk	\$50,000	2.CC	Washington University in St. Louis
Brain & Behavior Research Foundation	Rapid Phenomic Interrogation of CRISPR-Cas9 Edited Mammalian Brains	\$0	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	The Role of Sensory Over-responsivity in the Development of Anxiety in Children With and Without Autism	\$0	2.2	Duke University Medical Center
Brain & Behavior Research Foundation	SINEUPs Technology to Rescue CHD8 Haploinsufficiency: Possible New Avenues of Therapeutical Intervention for Autism Spectrum Disorders (ASD)	\$17,500	3.1	University of Trento
Brain & Behavior Research Foundation	The Interaction of Early Social Experience and Oxytocin and Vasopressin Receptor Gene Variants in Predicting Individual Differences in Adult Social Behavior in Prairie Voles (<i>Microtus Ochrogaster</i>)	\$0	3.3	Quinnipiac University
Brain & Behavior Research Foundation	Dissecting the Human Magnocellular Visual Pathway in Perceptual Disorders	\$0	2.2	New York University
Brain & Behavior Research Foundation	High-throughput Quantitative Analysis of Enhancer Elements Associated with ASD	\$0	2.1	Yale University
Brain & Behavior Research Foundation	Neural Noise in Autism Spectrum Disorder	\$0	1.3	Boston Children's Hospital
Brain & Behavior Research Foundation	The Role of Microglia in Regulation of Projection-specific Prefrontal Cortical Neuron Synapses	\$0	2.1	Vanderbilt University Medical Center
Brain & Behavior Research Foundation	Using Targeted Genome Editing to Generate Novel Preclinical Rodent Models of Autism	\$35,000	2.1	University of Edinburgh
Brain & Behavior Research Foundation	Neural Circuit Basis for Cortical Oscillations as a Biomarker for Neurological Disorders	\$0	2.1	Boston University
Brain & Behavior Research Foundation	Exploring Tridimensional Chromatin Interactions in ASD-derived Brain Organoids	\$0	2.1	Yale University
Brain & Behavior Research Foundation	Investigating the Role of Homeostatic Plasticity in Autism Spectrum Disorder	\$0	2.1	King's College London
Brain & Behavior Research Foundation	Mechanisms of Thalamic Receptive Field Disruption in Autism Spectrum Disorder	\$35,000	2.1	Massachusetts Institute of Technology
Brain & Behavior Research Foundation	Microglia-dependent Regulation of Inhibitory Brain Circuits in Health and Disease	\$0	2.1	University of Massachusetts Medical School University of Massachusetts, Amherst

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Brain & Behavior Research Foundation	Investigating the Paternal Role in Autism Spectrum Disorder Through Rare and Common Sources of Variation	\$0	3.2	Trinity College, Dublin
Brain & Behavior Research Foundation	SRPX2 Regulation of Synapse Formation: Implications for Schizophrenia and Autism Spectrum Disorder	\$0	2.1	University of Texas Health Science Center at San Antonio
Brain & Behavior Research Foundation	Shifting Brain Excitation/Inhibition Balance in Autism Spectrum Disorder	\$0	2.1	King's College London
Brain & Behavior Research Foundation	Mechanisms of Gene-environment Interaction in Neurodevelopmental Disorders	\$0	3.3	University of Calgary
Brain & Behavior Research Foundation	Balancing Neuronal Excitability: Synaptic Shank Proteins Control Metabotropic Glutamate Receptor Trafficking and Activity	\$17,500	2.1	Utrecht University
Brain & Behavior Research Foundation	Understanding Disruption of Neuronal DNA Methylation in Disorders of Cognition	\$17,500	2.1	Washington University in St. Louis
Brain & Behavior Research Foundation	Dopaminergic Dysregulation in Mouse Models of Autism Spectrum Disorder	\$17,500	2.1	University of California, Berkeley
Brain & Behavior Research Foundation	Role of Cortical Progenitors in the Specification of Cortical Projection Neuron Subtypes and their Diversity	\$35,000	2.1	Cold Spring Harbor Laboratory
Brain & Behavior Research Foundation	Inhibitory Synaptic Dysfunction in Autism Spectrum Disorder	\$35,000	2.1	Yale University
Brain & Behavior Research Foundation	Mechanisms of UBE3A Dysfunction in Brain Development	\$35,000	2.1	Washington University School of Medicine
Brain & Behavior Research Foundation	Cerebellum, Simple System with Complex Functions in Health and Disease: New Roles of the Cerebellum in Pathophysiology of Autism	\$35,000	2.1	Karolinska Institute
Brain & Behavior Research Foundation	Investigation of Human Neuronal Precursor Proliferation in Autism	\$35,000	2.1	Case Western Reserve University
Brain & Behavior Research Foundation	Microglia-synapse Interactions: The Bridge Between Neuroinflammation and Neurodevelopmental Disorders	\$0	3.2	University Laval
Brain & Behavior Research Foundation	Identifying Convergent and Divergent Autism-Associated Molecular Pathways Using in Vivo Pooled Screening and Single Cell RNA Profiling	\$35,000	2.1	ETH Zurich
Brain & Behavior Research Foundation	The Role of UBE3B in the Pathogenesis of Autism Spectrum Disorder	\$0	2.1	University of Texas Southwestern Medical Center
Brain & Behavior Research Foundation	Electrophysiological Correlates of Social-emotional Learning in ASD	\$17,500	2.1	State University of New York, Stony Brook
Brain & Behavior Research Foundation	Striatal Interneuron Deficiency Produces Autistic-like Behavior: An Insight into Neural Circuits and Treatment	\$0	2.1	Research Foundation for the State University of New York (SUNY) on behalf of University at Buffalo

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Brain & Behavior Research Foundation	Neural Correlates of Behavioral Treatment for Toddlers with ASD	\$0	2.1	University of California, Davis Medical Center
Brain & Behavior Research Foundation	Nominally Non-responsive Cells in a Sensory-prefrontal Cortical Loop Enable the Flexible Control of Adaptive Behavior	\$17,500	2.1	New York University
Brain & Behavior Research Foundation	Neurologin 2 in Cortical Excitation-Inhibition Balance	\$0	2.1	Baylor College of Medicine
Brain & Behavior Research Foundation	The Impact of Sleep Disturbance During Development on Autism-like Social Behavior in Voles	\$17,500	2.2	Portland VA Research Foundation; Oregon Health and Science University
Brain & Behavior Research Foundation	Above the Noise: RNA-Seq Analysis of MeCP2 and Non-MeCP2 Rett Syndrome Autopsy Samples	\$17,500	2.1	Vanderbilt University
Brain & Behavior Research Foundation	Synaptic Homeostasis of the Homer1 Network in a Shank3 Model of Autism	\$17,500	2.1	Seattle Children's Research Institute
Brain & Behavior Research Foundation	Modulation of Excitatory Synaptic Transmission in Mental Illnesses	\$0	2.1	Vanderbilt University
Brain & Behavior Research Foundation	The Role of Medial Amygdala in Regulating Social Behaviors	\$13,427	2.1	University of California, Los Angeles
Brain & Behavior Research Foundation	Neural Bases of Atypical Language Learning in Children with ASD: A Combined fMRI/MEG Study	\$0	2.1	University of Delaware
Brain & Behavior Research Foundation	Investigating the Function of Autism Candidate Gene LIN-2/CASK in Cholinergic Synapse	\$17,425	2.1	University of Queensland
Brain & Behavior Research Foundation	The Use of AAV-mediated CRISPR-Cas9 to Determine The Effect of Non-coding Genetic Variation on a Molecular Phenotype Relevant to Autism	\$0	2.1	Emory University
Brain & Behavior Research Foundation	Ambra1 Gene and Gender-Specificity of ASD Phenotype: What Can We Learn On the Role of Brain Hyperexcitability In Triggering Autism?	\$35,000	3.1	Santa Lucia Foundation-CNR
Brain & Behavior Research Foundation	Dysregulation of Integrated Stress Response (ISR) Pathway In Autism	\$17,500	2.1	McGill University

